



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/645,350
				Filing Date	August 21, 2003
				First Named Inventor	Teng Ma
				Group Art Unit	1636
				Examiner Name	James S. Ketter
Sheet 1 of 1				Attorney Docket Number	31864.UT
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.			T ²
	AA	PAZZANO ET AL.; "Comparison of Chondrogenesis in Static and Perfused Bioreactor Culture," Biotechnol. Prog. Vol. 16; No. 5; pages 893-896; 2000			
	AB	INGRAM ET AL.; "Three-Dimensional Growth Patterns of Various Human Tumor Cell Lines In Simulated Microgravity of A NASA Bioreactor," In Vitro Cell. Dev. Biol. - Annual ; pages 459-466; June 1997			
	AC	BANNU ET AL.; "Cytokine-Augmented Culture of Haematopoietic Progenitor Cells in a Novel Three-Dimensional Cell Growth Matrix," Cytokine; Vol 13, No. 6; March 21, 2000; pages 349-358			
	AD	BAGLEY ET AL.; "Extended culture of multipotent hematopoietic progenitors without cytokine augmentation in a novel three-dimensional device," Experimental Hematology 27 (1999); pages 496-504			
	AE	OBRADOVIC ET AL.; "Gas Exchange is Essential for Bioreactor Cultivation of Tissue Engineered Cartilage," Biotechnology and Bioengineering; Volume 63, No. 2, April 20, 1999; pages 197-205			
	AF	HOERSTRUP, MD ET AL.; "New Pulsatile Bioreactor for In Vitro Formation of Tissue Engineered Heart Valves," Tissue Engineering; Volume 6, No. 1, 2000; pages 75-78			
	AG	HALBERSTADT ET AL.; "The In Vitro Growth of a Three-Dimensional Human Dermal Replacement Using a Single-Pass Perfusion System," Biotechnology and Bioengineering; Volume 43, No. 4, 1994; pages 740-746			
	AH	VUNJAK-NOKAKOVIC ET AL.; "Dynamic Cell Seeding of Polymer Scaffolds for Cartilage Tissue Engineering," Biotechnol. Prog. 1998, Volume 14, No. 2; pages 193-202			
	AI	KIM, MD ET AL.; "Dynamic Seeding and in Vitro Culture of Hepatocytes in a Flow Perfusion System," Tissue Engineering; Vol 6, No. 1, 2000; pages 39-44			
	AJ	MA ET AL.; "Development of an in Vitro Human Placenta Model by the Cultivation of Human Trophoblasts in a Fiber-Based Bioreactor System," Tissue Engineering; Vol. 5, No. 2; (1999); pages 91-101			
	AK	FREED ET AL.; "Cultivation of Cell-Polymer Cartilage Implants in Bioreactors," Journal of Cellular Biochemistry Volume 51; 1993; pages 257-264			
	AL	SITTINGER; "Artificial tissues in perfusion culture," The International Journal of Artificial Organs; Volume 20, No. 1; 1997; pages 57-62			
	AM	NIKLASON; "Functional Arteries Grown in Vitro," Science; Vol. 284; April 16, 1999; pages 489-493			
	AN	NIELSEN; "Bioreactors For Hematopoietic Cell Culture," Annu. Rev. Biomed. Eng.; 1999; pages 129-152			
	AO	LI ET AL.; "Human Cord Cell Hematopoiesis in Three Dimensional Nonwoven Fibrous Matrices: In Vitro Simulation of the Marrow Microenvironment", Journal of Hematotherapy & Stem Cell Research; Vol. 10; 2001; pages 355-368			
	AP	COLLINS ET AL.; "Characterization of Hematopoietic Cell Expansion, Oxygen Uptake, and Glycolysis in a Controlled, Stirred-Tank Bioreactor System," Biotechnol. Prog. 1998 Volume 14; pages 466-472			
	AQ	MA ET AL.; "Oxygen Tension Influences Proliferation and Differentiation in a Tissue-Engineered Model of Placental Trophoblast-Like Cells; Tissue Engineering, Volume 7, No. 5, 2001; pages 495-506			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.